IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of: MANZER CASE NO.: CL2055 US DIV

APPLICATION NO.: UNKNOWN GROUP ART UNIT: UNKNOWN

FILED: CONCURRENTLY HEREWITH EXAMINER: UNKNOWN

FOR: PRODUCTION OF 5-METHYL-N-ARYL-2-PYRROLIDONE AND 5-METHYL-N-CYCLOALKYL-2-PYRROLIDONE BY REDUCTIVE AMINATION OF

LEVULINIC ACID WITH ARYL AMINES

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents Washington, D.C. 20231

Sir:

In compliance with 37 CFR 1.97 and 1.98, Applicants bring to the attention of the U.S. Patent and Trademark Office information listed on the enclosed PTO/SB/08A and PTO/SB/08B. A copy of the information is also enclosed.

Benefit of the earlier filing date of U.S. Patent Application No. 10/396,212, filed March 24, 2003 is claimed under 35 USC 120 for the above-referenced application. Thus, information cited in the priority application is not supplied with this Information Disclosure Statement. See 37 CFR 1.98(d).

Should any fee be required in connection with the filing of this Information Disclosure Statement, please charge such fee to Deposit Account No. 04-1928 (E. I. du Pont de Nemours and Company).

Respectfully submitted,

S. NEIL FELTHAM

Attorney for Applicant(s) Registration No. 36,506

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Dated: 12/3/03

Enclosures

Substitute for form 1449A/PTO

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Complete if Known **Application Number** Unknown Filing Date Concurrently herewith First Named Inventor Manzer Group Art Unit Unknown **Examiner Name** Unknown **CL2055 US DIV** Attorney Docket Number

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

				U.S. PATENT DOCUM	MENTS	
Examiner Initials *	Cite No.1	U.S. Patent Document Number Kind Code² (if known) 3,235,562		Name of Patentee or Applicant	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevan Passages or Relevant Figures Appear
				of Cited Document		
				Shilling et al.,	02/15/1966	
	_	3,337,585		Swakon et al.	08/22/1967	
						
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Examiner Initials*	Cite No. ¹	FOREIGN Foreign Patent Document			Name of Patentee	Date of Publication of	Pages, Columns, Lines,	
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark hee if English language Translation is attached.

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Substitute for form 1449A/PTO					Complete if Known			
	INITO	DMATION	DIC	OL OCUPE	Application Number	Unknown		
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					Group Art Unit	Unknown		
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_	Sheet	2	of	2	Attorney Docket Number	CL2055 US DIV		

OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS						
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²			
		Candeloro et al., Aust. J. Chem. 1978, 31: 2031-2037				
Examiner Signature		Date Considered				

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